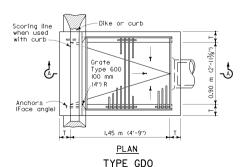
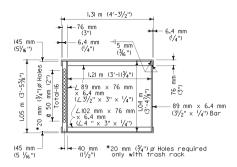


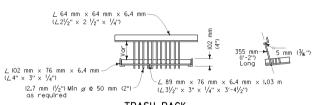
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GRATE FRAME FOR TYPE GDO INLET



TRASH RACK (For use with pump installation)

TABLE B

CURB TYPE	NORMAL CURB HEIGHT	CURB BATTER	``a'' DIMENSION	"b" DIMENSION
A-I50	I50 mm (6")	40 mm (1½")	T+I90 mm (71/2")	T+I60 mm (61/2")
A-200	200 mm (8")	50 mm (2")	T+I80 mm (7")	T+I50 mm (6")
В	I50 mm (6")	100 mm (4")	T+I30 mm (5")	T+I00 mm (4")
Dike	I50 mm (6")	75 mm (3")	T+I55 mm (6")	T+I25 mm (5")

TABLE A

	CONCRETE QUANTITIES							
	H=0.90 m (3'-0") TO 2.50	m (8'-0") T=150 mm (6")	H=2.5Im (8'-I") TO 6.00 m	(20'-0") T=200 mm (8"				
TYPE	H=0.90 m (3'-0") m ³ (CY)	ADDITIONAL PCC PER METER (FOOT) m ³ (CY)	H=2.51 m (8'-l") m ³ (CY)	ADDITIONAL PCC PER METER (FOOT) m ³ (CY)				
GO	0.91 mm (l.24)	0.61mm (0.245)	2.57 mm (3.39)	0.86 mm (0.346)				
GDO	I.21 mm (I.62)	0.80 mm (0.322)	3.33 mm (4.36)	I.IImm (0.446)				

Table based on 200 mm (8") floor slab, no deduction for pipe openings, and curb type giving highest quantity of concrete. No deductions or adjustments are to be made to these quanities because of pipe openings, different floor alternatives or different

curb type.

Glenn DeCor July 1, 2002 C34547 ×0.9-30-03 he State of California or its officers or altrans now has a web site! To get to the web site on to-http://www.dat.ca.ai

NOTES:

- I. "H" is the difference in elevation between the outlet pipe flow line and the normal autter arade line undepressed.
- 2. For "T" wall thickness, see Table A below.
- 3. Wall reinforcing not required when "H" is 2.5 m (8') or less and the unsupported width or length is 2.1 m (7') or less. Walls exceeding these limits shall be reinforced with *I3M bars @ 450 mm+ (*4 @ 18" +) centers placed 40 mm (11/2") clear to inside of box unless otherwise shown.
- 4. Inlet bottom reinforcing not required. See Standard Plan D74C for alternative reinforced bottom.
- Steps None required where "H" is less than 0.75 m (30"). Where "H" is 0.75 m (30") or more install steps with lowest rung 300 mm (12") above the floor and highest rung not more than I50 mm (6") below top of inlet. The distance between steps shall not exceed 300 mm (12") and shall be uniform throughout the length of the wall. Place steps in the wall without an opening. Step inserts may be substituted for the bar steps. Step Inserts shall comply with State Industrial Safety requirements. See Standard Plan D74C for step details.
- 6. When shown on the project plans, place a #19 (#6) protection bar horizontally across the length of the opening and bend back 100 mm (4") into the inlet wall on each side.
- 7. Pipe(s) can be placed in any wall.
- 8. Curb section shall match adjacent curb.
- 9. Basin floors shall have wood trowel finish and shall slope toward the outlet pipe as shown.
- 10. Galvanizing See Standard Specifications or Special Provisions.
- II. See Standard Plan D77A and D77B for grate and frame details and masses (weights) of miscellaneous iron
- 12. See Standard Plan D78 for gutter depression details.
- 13. Full penetration butt welds may be substituted for the fillet welds on all anchors.
- 14. Standard square, hexagon, round or equivalent headed anchors may be substituted for the right angle hooks on the anchors shown on this plan.
- 15. Cast-in-place or precast alternative is optional with contractor. See Standard Specifications.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DRAINAGE INLETS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States
Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.